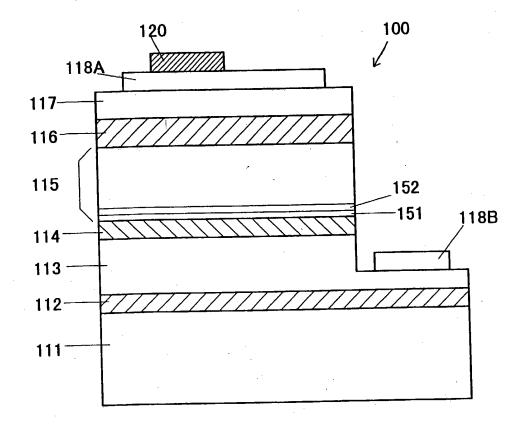
FIG. 1



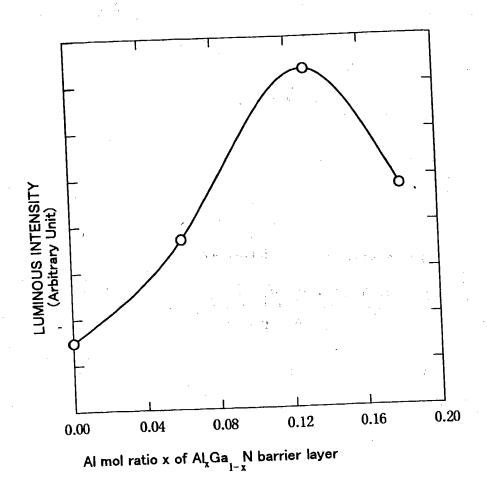


FIG. 3

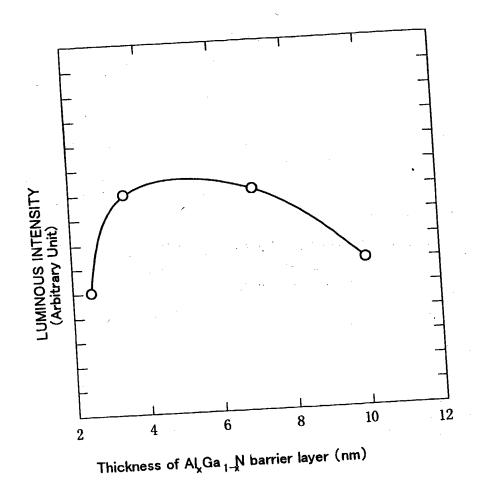


FIG. 4

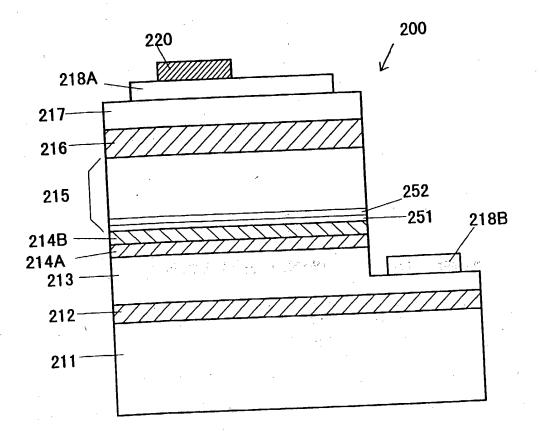
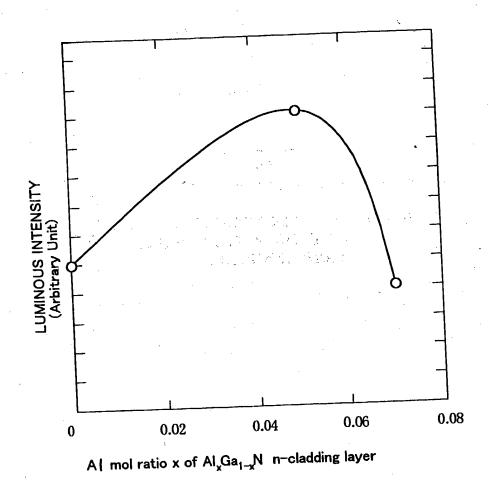
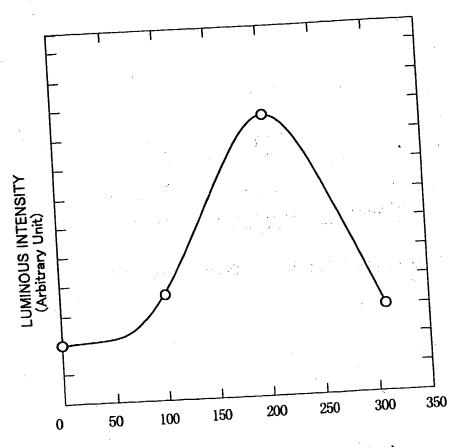


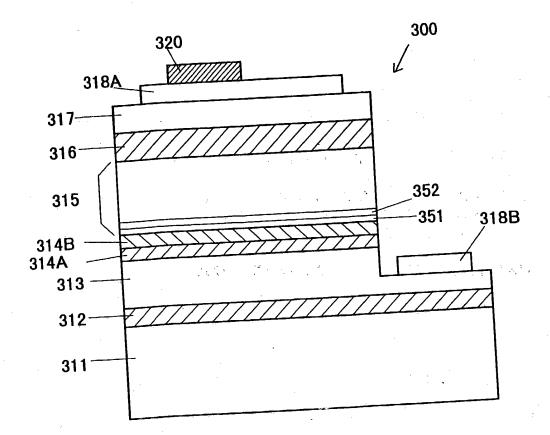
FIG. 5



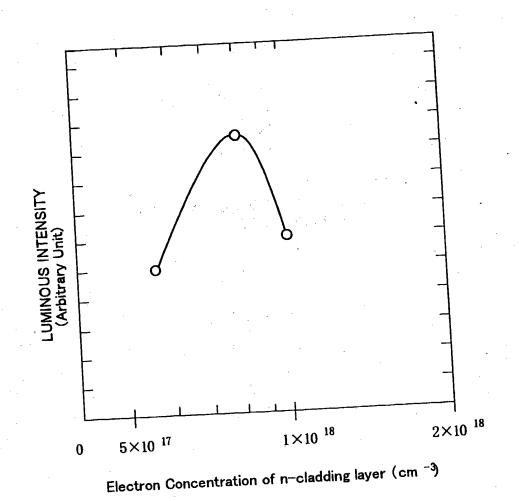


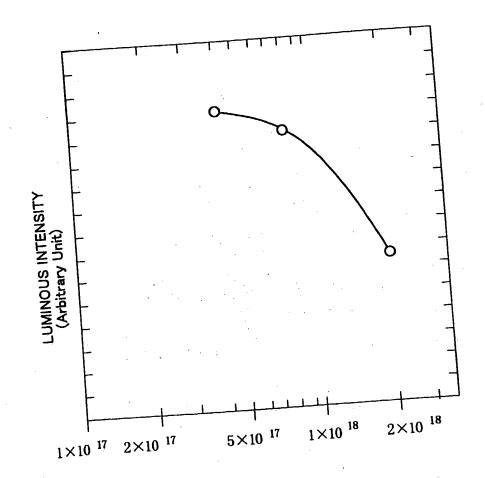
Thickness of Al Ga_{1-x}N n-cladding layer (nm)

FIG. 7



13 1 3 3 modern 1 3 2





Electron Concentration of n-contact layer (cm⁻³)